

Table 2. Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Total, all occupations	145,594	167,754	100.0	100.0	22,160	15.2	57,932
Management, business, and financial occupations	15,519	17,635	10.7	10.5	2,115	13.6	5,109
Management occupations	10,564	11,834	7.3	7.1	1,270	12.0	3,330
Administrative services managers	362	436	.2	.3	74	20.4	133
Advertising, marketing, promotions, public relations, and sales managers	707	936	.5	.6	229	32.4	331
Advertising and promotions managers	100	135	.1	.1	34	34.3	49
Marketing and sales managers	533	701	.4	.4	168	31.5	244
Marketing managers	190	246	.1	.1	55	29.1	83
Sales managers	343	455	.2	.3	112	32.8	162
Public relations managers	74	101	.1	.1	27	36.3	38
Agricultural managers	1,462	1,144	1.0	.7	-318	-21.7	103
Farm, ranch, and other agricultural managers	169	179	.1	.1	10	6.0	30
Farmers and ranchers	1,294	965	.9	.6	-328	-25.4	74
Chief executives	547	641	.4	.4	94	17.2	266
Computer and information systems managers	313	463	.2	.3	150	47.9	203
Construction managers	308	358	.2	.2	50	16.3	100
Education administrators	453	513	.3	.3	61	13.4	178
Engineering managers	282	305	.2	.2	23	8.0	69
Financial managers	658	780	.5	.5	122	18.5	223
Food service managers	465	535	.3	.3	70	15.0	125
Funeral directors	32	32	.0	.0	1	3.0	6
Gaming managers	4	5	.0	.0	1	30.0	2
General and operations managers	2,398	2,761	1.6	1.6	363	15.2	767
Human resources managers	219	246	.2	.1	28	12.7	66
Industrial production managers	255	271	.2	.2	16	6.2	57
Legislators	54	61	.0	.0	7	12.7	24
Lodging managers	68	75	.0	.0	6	9.3	14
Medical and health services managers	250	330	.2	.2	81	32.3	123
Natural sciences managers	42	45	.0	.0	3	7.6	11
Postmasters and mail superintendents	25	26	.0	.0	1	2.5	5
Property, real estate, and community association managers	270	331	.2	.2	61	22.7	105
Purchasing managers	132	125	.1	.1	-7	-5.5	41
Social and community service managers	128	160	.1	.1	32	24.8	56
Transportation, storage, and distribution managers	149	179	.1	.1	30	20.2	55
All other managers	981	1,074	.7	.6	93	9.5	267
Business and financial operations occupations	4,956	5,801	3.4	3.5	845	17.1	1,779
Business operations specialists	2,841	3,320	2.0	2.0	479	16.8	1,053
Agents and business managers of artists, performers, and athletes	17	22	.0	.0	5	27.9	8
Buyers and purchasing agents	404	424	.3	.3	20	4.8	128
Purchasing agents and buyers, farm products	20	23	.0	.0	3	16.8	7
Purchasing agents, except wholesale, retail, and farm products	237	266	.2	.2	29	12.3	76
Wholesale and retail buyers, except farm products	148	135	.1	.1	-13	-8.7	45
Claims adjusters, appraisers, examiners, and investigators	207	238	.1	.1	31	15.0	54
Claims adjusters, examiners, and investigators	194	223	.1	.1	29	15.1	51
Insurance appraisers, auto damage	13	15	.0	.0	2	14.3	3
Compliance officers, except agriculture, construction, health and safety, and transportation	140	152	.1	.1	12	8.9	48
Cost estimators	211	246	.1	.1	35	16.5	81
Emergency management specialists	10	12	.0	.0	2	18.1	5
Human resources, training, and labor relations specialists	490	578	.3	.3	88	18.0	183
Compensation, benefits, and job analysis specialists	87	100	.1	.1	14	15.7	30
Employment, recruitment, and placement specialists	199	234	.1	.1	35	17.6	73
Training and development specialists	204	244	.1	.1	40	19.4	79
Management analysts	501	646	.3	.4	145	28.9	189
Meeting and convention planners	34	42	.0	.0	8	23.3	14
All other business operations specialists	827	960	.6	.6	133	16.1	343
Financial specialists	2,115	2,481	1.5	1.5	367	17.3	726
Accountants and auditors	976	1,157	.7	.7	181	18.5	326
Appraisers and assessors of real estate	57	67	.0	.0	10	18.0	26
Budget analysts	70	80	.0	.0	10	14.6	24
Credit analysts	60	70	.0	.0	10	16.0	22
Financial analysts	145	182	.1	.1	37	25.5	57
Financial examiners	25	27	.0	.0	3	10.2	7
Insurance underwriters	107	109	.1	.1	2	2.0	18

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Loan counselors and officers	265	281	0.2	0.2	16	6.1	69
Loan counselors	29	33	.0	.0	5	16.0	10
Loan officers	236	248	.2	.1	12	4.9	59
Personal financial advisors	94	126	.1	.1	32	34.0	43
Tax examiners, collectors, and revenue agents	79	86	.1	.1	7	8.3	28
Tax preparers	69	81	.0	.0	12	17.4	26
All other financial specialists	169	216	.1	.1	47	28.0	81
Professional and related occupations	26,758	33,709	18.4	20.1	6,952	26.0	12,160
Computer and mathematical occupations	2,993	4,988	2.1	3.0	1,996	66.7	2,285
Computer specialists	2,903	4,894	2.0	2.9	1,991	68.6	2,259
Computer programmers	585	680	.4	.4	95	16.2	217
Computer scientists and systems analysts	459	729	.3	.4	269	58.6	309
Computer and information scientists, research	28	39	.0	.0	11	40.3	14
Computer systems analysts	431	689	.3	.4	258	59.7	296
Computer software engineers	697	1,361	.5	.8	664	95.4	711
Computer software engineers, applications	380	760	.3	.5	380	100.0	406
Computer software engineers, systems software	317	601	.2	.4	284	89.7	306
Computer support specialists	506	996	.3	.6	490	97.0	512
Database administrators	106	176	.1	.1	70	65.9	74
Network and computer systems administrators	229	416	.2	.2	187	81.9	197
Network systems and data communications analysts	119	211	.1	.1	92	77.5	97
All other computer specialists	203	326	.1	.2	123	60.7	141
Mathematical science occupations	89	95	.1	.1	5	5.7	26
Mathematical scientists and technicians	85	90	.1	.1	5	5.9	25
Actuaries	14	15	.0	.0	1	5.4	3
Mathematicians	4	4	.0	.0	0	-1.9	0
Operations research analysts	47	51	.0	.0	4	8.0	19
Statisticians	19	20	.0	.0	0	2.3	3
Miscellaneous mathematical science occupations	5	5	.0	.0	0	2.7	1
Architecture and engineering occupations	2,605	2,930	1.8	1.7	325	12.5	868
Architects, surveyors, and cartographers	196	229	.1	.1	33	17.1	61
Architects, except naval	124	150	.1	.1	26	20.7	33
Architects, except landscape and naval	102	121	.1	.1	19	18.5	25
Landscape architects	22	29	.0	.0	7	31.1	8
Surveyors, cartographers, and photogrammetrists	65	71	.0	.0	6	9.2	26
Cartographers and photogrammetrists	7	8	.0	.0	1	18.5	3
Surveyors	58	63	.0	.0	5	8.1	22
All other architects, surveyors, and cartographers	6	8	.0	.0	2	28.5	2
Engineers	1,465	1,603	1.0	1.0	138	9.4	432
Aerospace engineers	50	57	.0	.0	7	13.9	22
Agricultural engineers	2	3	.0	.0	0	14.8	1
Biomedical engineers	7	9	.0	.0	2	31.4	4
Chemical engineers	33	34	.0	.0	1	4.1	7
Civil engineers	232	256	.2	.2	24	10.2	60
Computer hardware engineers	60	75	.0	.0	15	24.9	23
Electrical and electronics engineers	288	319	.2	.2	31	10.9	84
Electrical engineers	157	175	.1	.1	18	11.3	47
Electronics engineers, except computer	130	144	.1	.1	14	10.4	37
Environmental engineers	52	66	.0	.0	14	26.0	24
Industrial engineers, including health and safety	198	210	.1	.1	12	5.9	45
Health and safety engineers, except mining safety engineers and inspectors	44	49	.0	.0	5	10.9	12
Industrial engineers	154	161	.1	.1	7	4.5	33
Marine engineers and naval architects	5	5	.0	.0	0	2.1	1
Materials engineers	33	35	.0	.0	2	5.3	9
Mechanical engineers	221	251	.2	.1	29	13.1	94
Mining and geological engineers, including mining safety engineers	6	6	.0	.0	0	-1.3	1
Nuclear engineers	14	14	.0	.0	0	1.8	3
Petroleum engineers	9	8	.0	.0	-1	-7.2	2
All other engineers	253	254	.2	.2	1	.4	51
Drafters, engineering, and mapping technicians	944	1,098	.6	.7	154	16.3	375
Drafters	213	255	.1	.2	42	19.5	106
Architectural and civil drafters	102	123	.1	.1	21	20.8	52
Electrical and electronics drafters	41	51	.0	.0	10	23.3	22
Mechanical drafters	70	81	.0	.0	11	15.4	32

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Engineering technicians, except drafters	519	582	0.4	0.3	62	12.0	167
Aerospace engineering and operations technicians	21	22	.0	.0	1	5.6	5
Civil engineering technicians	94	105	.1	.1	11	11.9	30
Electrical and electronic engineering technicians	233	258	.2	.2	25	10.8	72
Electro-mechanical technicians	43	50	.0	.0	6	14.5	15
Environmental engineering technicians	18	24	.0	.0	5	29.1	9
Industrial engineering technicians	52	57	.0	.0	5	10.1	16
Mechanical engineering technicians	58	66	.0	.0	8	13.9	20
Surveying and mapping technicians	55	70	.0	.0	14	25.3	32
All other drafters, engineering, and mapping technicians	156	192	.1	.1	36	23.2	70
Life, physical, and social science occupations	1,164	1,386	.8	.8	223	19.1	559
Life scientists	184	218	.1	.1	33	18.1	93
Agricultural and food scientists	17	19	.0	.0	2	8.8	7
Biological scientists	73	88	.1	.1	15	21.0	42
Conservation scientists and foresters	29	31	.0	.0	2	7.7	12
Conservation scientists	16	18	.0	.0	1	8.3	7
Foresters	12	13	.0	.0	1	7.0	5
Medical scientists	37	47	.0	.0	10	26.5	18
All other life scientists	28	33	.0	.0	4	15.9	15
Physical scientists	239	283	.2	.2	44	18.3	124
Astronomers and physicists	10	11	.0	.0	1	10.5	4
Atmospheric and space scientists	7	8	.0	.0	1	17.1	3
Chemists and materials scientists	92	110	.1	.1	18	19.2	47
Chemists	84	100	.1	.1	16	19.1	43
Materials scientists	8	9	.0	.0	2	19.8	4
Environmental scientists and geoscientists	97	118	.1	.1	21	21.5	52
Environmental scientists and specialists, including health	64	78	.0	.0	14	22.3	35
Geoscientists, except hydrologists and geographers	25	30	.0	.0	5	18.1	13
Hydrologists	8	10	.0	.0	2	25.7	5
All other physical scientists	33	36	.0	.0	3	9.4	17
Social scientists and related occupations	410	492	.3	.3	82	20.1	178
Economists	22	26	.0	.0	4	18.5	9
Market and survey researchers	113	142	.1	.1	30	26.4	55
Market research analysts	90	112	.1	.1	22	24.4	42
Survey researchers	23	30	.0	.0	8	34.5	13
Psychologists	182	214	.1	.1	33	18.1	75
Social scientists, other	15	17	.0	.0	3	17.2	6
Urban and regional planners	30	35	.0	.0	5	16.4	12
All other social scientists and related workers	49	58	.0	.0	8	17.1	20
Life, physical, and social science technicians	330	393	.2	.2	63	19.0	164
Agricultural and food science technicians	18	20	.0	.0	3	15.2	7
Biological technicians	41	52	.0	.0	11	26.4	21
Chemical technicians	73	84	.1	.1	11	15.0	28
Geological and petroleum technicians	10	11	.0	.0	1	6.5	3
Nuclear technicians	3	4	.0	.0	1	20.7	2
Other life, physical, and social science technicians	184	221	.1	.1	37	20.0	104
Environmental science and protection technicians, including health	27	34	.0	.0	7	24.5	17
Forensic science technicians	6	7	.0	.0	1	13.0	3
Forest and conservation technicians	18	19	.0	.0	1	3.2	7
All other life, physical, and social science technicians	133	161	.1	.1	29	21.7	77
Community and social services occupations	1,869	2,398	1.3	1.4	529	28.3	846
Counselors	465	585	.3	.3	120	25.8	215
Educational, vocational, and school counselors	205	257	.1	.2	52	25.3	94
Marriage and family therapists	21	27	.0	.0	6	29.9	11
Mental health counselors	67	82	.0	.0	15	21.7	28
Rehabilitation counselors	110	136	.1	.1	26	23.6	49
Substance abuse and behavioral disorder counselors	61	82	.0	.0	21	35.0	34
Miscellaneous community and social service specialists	398	575	.3	.3	177	44.5	236
Health educators	43	53	.0	.0	10	23.5	17
Probation officers and correctional treatment specialists	84	105	.1	.1	20	23.8	33
Social and human service assistants	271	418	.2	.2	147	54.2	187
Religious workers	293	338	.2	.2	45	15.4	112
Clergy	171	197	.1	.1	26	15.0	73
Directors, religious activities and education	121	141	.1	.1	19	15.9	40
Social workers	468	609	.3	.4	141	30.1	193
Child, family, and school social workers	281	357	.2	.2	76	26.9	107
Medical and public health social workers	104	136	.1	.1	33	31.6	44

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Mental health and substance abuse social workers	83	116	0.1	0.1	33	39.1	42
All other counselors, social, and religious workers	244	290	.2	.2	46	18.8	89
Legal occupations	1,119	1,335	.8	.8	216	19.3	304
Judges, magistrates, and other judicial workers	43	44	.0	.0	2	3.8	14
Administrative law judges, adjudicators, and hearing officers	14	14	.0	.0	0	1.1	4
Arbitrators, mediators, and conciliators	4	6	.0	.0	1	27.2	2
Judges, magistrate judges, and magistrates	24	24	.0	.0	0	1.1	7
Lawyers	681	803	.5	.5	123	18.0	168
Paralegals and legal assistants	188	251	.1	.1	62	33.2	74
Miscellaneous legal support workers	98	106	.1	.1	8	7.7	17
Court reporters	18	21	.0	.0	3	16.2	5
Law clerks	31	35	.0	.0	4	13.2	7
Title examiners, abstractors, and searchers	48	49	.0	.0	0	1.0	5
All other legal and related workers	109	131	.1	.1	22	20.2	32
Education, training, and library occupations	8,260	9,831	5.7	5.9	1,571	19.0	3,356
Postsecondary teachers	1,344	1,659	.9	1.0	315	23.5	682
Primary, secondary, and special education teachers	4,284	4,995	2.9	3.0	711	16.6	1,663
Preschool and kindergarten teachers	597	707	.4	.4	110	18.4	184
Preschool teachers, except special education	423	507	.3	.3	85	20.0	137
Kindergarten teachers, except special education	175	200	.1	.1	25	14.5	47
Elementary and middle school teachers	2,122	2,381	1.5	1.4	260	12.2	742
Elementary school teachers, except special education	1,532	1,734	1.1	1.0	202	13.2	551
Middle school teachers, except special and vocational education	570	625	.4	.4	55	9.6	184
Vocational education teachers, middle school	20	22	.0	.0	3	13.1	7
Secondary school teachers	1,113	1,314	.8	.8	201	18.1	540
Secondary school teachers, except special and vocational education	1,004	1,190	.7	.7	187	18.6	492
Vocational education teachers, secondary school	109	123	.1	.1	15	13.4	48
Special education teachers	453	592	.3	.4	140	30.9	197
Special education teachers, preschool, kindergarten, and elementary school	234	320	.2	.2	86	36.8	116
Special education teachers, middle school	96	119	.1	.1	23	24.4	35
Special education teachers, secondary school	123	153	.1	.1	30	24.6	46
Other teachers and instructors	901	1,076	.6	.6	175	19.4	266
Adult literacy, remedial education, and GED teachers and instructors	67	80	.0	.0	13	19.4	20
Self-enrichment education teachers	186	220	.1	.1	34	18.5	53
All other teachers, primary, secondary, and adult	648	776	.4	.5	128	19.7	193
Library, museum, training, and other education occupations	1,731	2,101	1.2	1.3	370	21.4	745
Archivists, curators, and museum technicians	21	24	.0	.0	3	11.9	7
Librarians	149	160	.1	.1	10	7.0	41
Library technicians	109	130	.1	.1	21	19.5	70
Teacher assistants	1,262	1,562	.9	.9	301	23.9	565
Other education, training, library, and museum workers	190	225	.1	.1	35	18.2	62
Audio-visual collections specialists	11	13	.0	.0	2	13.6	3
Farm and home management advisors	11	11	.0	.0	1	6.1	2
Instructional coordinators	81	101	.1	.1	20	25.0	32
All other library, museum, training, and other education workers	87	99	.1	.1	12	14.0	25
Arts, design, entertainment, sports, and media occupations	2,371	2,864	1.6	1.7	493	20.8	947
Art and design occupations	750	903	.5	.5	153	20.3	251
Artists and related workers	147	176	.1	.1	29	20.0	60
Art directors	47	56	.0	.0	10	21.1	19
Fine artists, including painters, sculptors, and illustrators	31	35	.0	.0	4	13.4	10
Multi-media artists and animators	69	85	.0	.1	15	22.2	30
Designers	492	596	.3	.4	104	21.2	154
Commercial and industrial designers	50	62	.0	.0	12	23.8	17
Fashion designers	16	19	.0	.0	3	20.3	5
Floral designers	102	118	.1	.1	15	14.9	26
Graphic designers	190	241	.1	.1	51	26.7	70
Interior designers	46	54	.0	.0	8	17.4	13
Merchandise displayers and window trimmers	76	88	.1	.1	12	15.9	20
Set and exhibit designers	12	15	.0	.0	3	27.0	4
All other art and design workers	112	130	.1	.1	19	16.8	37
Entertainers and performers, sports and related occupations	626	763	.4	.5	136	21.8	257
Actors, producers, and directors	158	200	.1	.1	42	26.9	73
Actors	99	126	.1	.1	26	26.7	46

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Producers and directors	58	74	0.0	0.0	16	27.1	27
Athletes, coaches, umpires, and related workers	129	153	.1	.1	24	18.7	50
Athletes and sports competitors	18	22	.0	.0	4	22.5	7
Coaches and scouts	99	117	.1	.1	17	17.6	37
Umpires, referees, and other sports officials	11	14	.0	.0	3	22.7	5
Dancers and choreographers	26	30	.0	.0	4	16.3	9
Dancers	15	18	.0	.0	3	17.3	6
Choreographers	11	12	.0	.0	2	14.9	4
Musicians, singers, and related workers	240	285	.2	.2	45	18.7	90
Music directors and composers	50	56	.0	.0	6	13.1	16
Musicians and singers	191	229	.1	.1	38	20.1	74
All other entertainers and performers, sports and related workers	74	95	.1	.1	21	28.3	35
Media and communication occupations	703	856	.5	.5	153	21.8	315
Announcers	71	68	.0	.0	-4	-5.5	11
News analysts, reporters and correspondents	78	80	.1	.0	2	2.8	27
Public relations specialists	137	186	.1	.1	49	36.1	73
Writers and editors	305	385	.2	.2	80	26.3	158
Editors	122	149	.1	.1	27	22.6	67
Technical writers	57	74	.0	.0	17	29.6	34
Writers and authors	126	162	.1	.1	36	28.4	57
Miscellaneous media and communications workers	112	137	.1	.1	25	22.4	47
Interpreters and translators	22	27	.0	.0	5	23.8	9
All other media and communication workers	90	110	.1	.1	20	22.1	37
Media and communication equipment occupations	291	342	.2	.2	51	17.5	124
Broadcast and sound engineering technicians and radio operators	87	99	.1	.1	12	14.0	38
Audio and video equipment technicians	37	43	.0	.0	6	16.8	17
Broadcast technicians	36	40	.0	.0	4	10.2	14
Radio operators	3	3	.0	.0	0	6.2	1
Sound engineering technicians	11	13	.0	.0	2	19.0	5
Photographers	131	153	.1	.1	22	17.0	48
Television, video, and motion picture camera operators and editors	43	53	.0	.0	11	25.8	19
Camera operators, television, video, and motion picture	27	33	.0	.0	7	25.8	12
Film and video editors	16	20	.0	.0	4	25.8	7
All other media and communication equipment workers	31	36	.0	.0	6	18.1	19
Healthcare practitioners and technical occupations	6,379	7,978	4.4	4.8	1,599	25.1	2,995
Health diagnosing and treating practitioners	3,921	4,888	2.7	2.9	966	24.6	1,773
Chiropractors	50	62	.0	.0	12	23.4	21
Dentists	152	161	.1	.1	9	5.7	43
Dietitians and nutritionists	49	56	.0	.0	7	15.2	21
Optometrists	31	37	.0	.0	6	18.7	12
Pharmacists	217	270	.1	.2	53	24.3	118
Physicians and surgeons	598	705	.4	.4	107	17.9	196
Physician assistants	58	89	.0	.1	31	53.5	43
Podiatrists	18	20	.0	.0	3	14.2	6
Registered nurses	2,194	2,755	1.5	1.6	561	25.6	1,004
Therapists	439	584	.3	.3	145	33.2	255
Audiologists	13	19	.0	.0	6	44.7	9
Occupational therapists	78	105	.1	.1	27	33.9	46
Physical therapists	132	176	.1	.1	44	33.3	77
Radiation therapists	16	19	.0	.0	4	22.8	7
Recreational therapists	29	32	.0	.0	2	8.6	10
Respiratory therapists	83	112	.1	.1	29	34.8	50
Speech-language pathologists	88	122	.1	.1	34	39.2	57
Veterinarians	59	77	.0	.0	19	31.8	29
All other health diagnosing and treating practitioners	57	71	.0	.0	14	24.8	26
Other health professionals and technicians	2,457	3,090	1.7	1.8	633	25.7	1,222
Clinical laboratory technologists and technicians	295	348	.2	.2	53	18.0	122
Medical and clinical laboratory technologists	148	174	.1	.1	25	17.0	60
Medical and clinical laboratory technicians	147	175	.1	.1	28	19.0	62
Dental hygienists	147	201	.1	.1	54	37.1	76
Diagnostic related technologists and technicians	257	322	.2	.2	65	25.2	121
Cardiovascular technologists and technicians	39	52	.0	.0	14	34.9	22
Diagnostic medical sonographers	33	41	.0	.0	9	26.1	16
Nuclear medicine technologists	18	22	.0	.0	4	22.4	8
Radiologic technologists and technicians	167	206	.1	.1	39	23.1	75

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Emergency medical technicians and paramedics	172	226	0.1	0.1	54	31.3	97
Health diagnosing and treating practitioner support technicians	417	551	.3	.3	134	32.2	242
Dietetic technicians	26	33	.0	.0	7	27.6	14
Pharmacy technicians	190	259	.1	.2	69	36.4	118
Psychiatric technicians	54	59	.0	.0	5	8.5	19
Respiratory therapy technicians	27	36	.0	.0	9	34.6	16
Surgical technologists	71	96	.0	.1	25	34.7	43
Veterinary technologists and technicians	49	69	.0	.0	19	39.3	32
Licensed practical and licensed vocational nurses	700	842	.5	.5	142	20.3	322
Medical records and health information technicians	136	202	.1	.1	66	49.0	97
Opticians, dispensing	68	81	.0	.0	13	19.0	25
Other health practitioners and technical workers	266	317	.2	.2	50	19.0	119
Athletic trainers	15	17	.0	.0	3	18.5	6
Occupational health and safety specialists and technicians	35	40	.0	.0	5	15.0	14
Orthotists and prosthetists	5	6	.0	.0	1	17.3	2
All other health practitioners and technical workers	212	253	.1	.2	42	19.7	96
Service occupations	26,075	31,163	17.9	18.6	5,088	19.5	13,505
Healthcare support occupations	3,196	4,264	2.2	2.5	1,067	33.4	1,612
Dental assistants	247	339	.2	.2	92	37.2	136
Massage therapists	34	45	.0	.0	10	30.4	18
Nursing, psychiatric, and home health aides	2,053	2,676	1.4	1.6	623	30.4	885
Home health aides	615	907	.4	.5	291	47.3	370
Nursing aides, orderlies, and attendants	1,373	1,697	.9	1.0	323	23.5	498
Psychiatric aides	65	73	.0	.0	9	13.2	17
Occupational therapist assistants and aides	25	35	.0	.0	10	41.5	18
Occupational therapist assistants	17	23	.0	.0	7	39.7	11
Occupational therapist aides	9	12	.0	.0	4	45.2	6
Physical therapist assistants and aides	80	116	.1	.1	36	45.5	60
Physical therapist assistants	44	64	.0	.0	20	44.8	33
Physical therapist aides	36	53	.0	.0	17	46.3	27
Medical assistants and other healthcare support occupations	757	1,052	.5	.6	295	39.0	496
Medical assistants	329	516	.2	.3	187	57.0	274
Medical equipment preparers	33	39	.0	.0	6	18.2	15
Medical transcriptionists	102	132	.1	.1	30	29.8	57
Pharmacy aides	57	68	.0	.0	11	19.5	26
Veterinary assistants and laboratory animal caretakers	55	77	.0	.0	22	39.8	37
All other healthcare support workers	181	219	.1	.1	38	21.1	86
Protective service occupations	3,087	3,896	2.1	2.3	809	26.2	1,677
First-line supervisors/managers, protective service workers	273	319	.2	.2	46	16.7	122
First-line supervisors/managers of correctional officers	30	38	.0	.0	9	29.6	14
First-line supervisors/managers of fire fighting and prevention workers	62	66	.0	.0	4	7.2	24
First-line supervisors/managers of police and detectives	121	136	.1	.1	16	13.1	48
First-line supervisors/managers of protective service workers, except police, fire and corrections	61	78	.0	.0	17	27.1	35
Fire fighters	258	280	.2	.2	23	8.9	90
Fire inspectors	13	15	.0	.0	2	15.1	5
Law enforcement workers	1,150	1,445	.8	.9	295	25.6	551
Bailiffs, correctional officers, and jailers	427	563	.3	.3	136	31.8	240
Bailiffs	14	15	.0	.0	2	12.5	5
Correctional officers and jailers	414	548	.3	.3	134	32.4	235
Detectives and criminal investigators	93	108	.1	.1	15	16.4	36
Fish and game wardens	8	9	.0	.0	1	11.4	2
Parking enforcement workers	9	10	.0	.0	1	13.2	2
Police and sheriff's patrol officers	607	748	.4	.4	141	23.2	269
Transit and railroad police	6	7	.0	.0	1	16.5	2
Other protective service workers	1,394	1,837	1.0	1.1	443	31.8	910
Animal control workers	9	10	.0	.0	1	12.8	8
Crossing guards	74	81	.1	.0	6	8.7	32
Private detectives and investigators	39	48	.0	.0	9	23.5	20
Security guards and gaming surveillance officers	1,117	1,509	.8	.9	393	35.2	698
Gaming surveillance officers and gaming investigators	11	13	.0	.0	2	16.8	5
Security guards	1,106	1,497	.8	.9	391	35.4	693
All other protective service workers	156	190	.1	.1	34	21.7	153
Food preparation and serving related occupations	10,140	11,717	7.0	7.0	1,577	15.6	6,256
Supervisors, food preparation and serving workers	788	882	.5	.5	95	12.1	301

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Chefs and head cooks	139	151	0.1	0.1	12	9.0	55
First-line supervisors/managers of food preparation and serving workers	649	731	.4	.4	83	12.7	246
Cooks and food preparation workers	2,709	3,041	1.9	1.8	333	12.3	1,193
Cooks	1,864	2,054	1.3	1.2	190	10.2	725
Cooks, fast food	522	518	.4	.3	-4	-.7	148
Cooks, institution and cafeteria	465	500	.3	.3	35	7.6	167
Cooks, private household	5	4	.0	.0	-1	-18.0	1
Cooks, restaurant	668	813	.5	.5	145	21.7	335
Cooks, short order	205	219	.1	.1	14	6.8	72
Food preparation workers	844	988	.6	.6	143	16.9	469
Food and beverage serving workers	5,201	6,384	3.6	3.8	1,182	22.7	4,218
Bartenders	387	439	.3	.3	52	13.4	204
Combined food preparation and serving workers, including fast food	2,206	2,879	1.5	1.7	673	30.5	2,023
Counter attendants, cafeteria, food concession, and coffee shop	421	482	.3	.3	61	14.4	387
Food servers, nonrestaurant	205	238	.1	.1	34	16.4	124
Waiters and waitresses	1,983	2,347	1.4	1.4	364	18.3	1,479
Other food preparation and serving related workers	1,442	1,410	1.0	.8	-33	-2.3	543
Dining room and cafeteria attendants and bartender helpers	431	402	.3	.2	-29	-6.7	145
Dishwashers	525	483	.4	.3	-42	-8.0	197
Hosts and hostesses, restaurant, lounge, and coffee shop	343	388	.2	.2	45	13.0	147
All other food preparation and serving related workers	143	137	.1	.1	-7	-4.6	54
Building and grounds cleaning and maintenance occupations	5,549	6,328	3.8	3.8	779	14.0	1,912
Supervisors, building and grounds cleaning and maintenance workers	378	441	.3	.3	63	16.7	131
First-line supervisors/managers of housekeeping and janitorial workers	219	250	.2	.1	31	14.2	91
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	159	191	.1	.1	32	20.1	41
Building cleaning workers	3,981	4,381	2.7	2.6	400	10.1	1,179
Janitors and cleaners, except maids and housekeeping cleaners	2,348	2,665	1.6	1.6	317	13.5	741
Maids and housekeeping cleaners	1,633	1,716	1.1	1.0	83	5.1	438
Grounds maintenance workers	973	1,245	.7	.7	272	27.9	516
Landscaping and groundskeeping workers	894	1,154	.6	.7	260	29.0	484
Pesticide handlers, sprayers, and applicators, vegetation	27	30	.0	.0	4	13.6	10
Tree trimmers and pruners	52	61	.0	.0	8	16.3	22
Pest control workers	58	71	.0	.0	13	22.1	24
All other building and grounds cleaning and maintenance workers	159	190	.1	.1	31	19.6	63
Personal care and service occupations	4,103	4,959	2.8	3.0	856	20.9	2,047
First-line supervisors/managers of personal service workers	125	144	.1	.1	19	15.1	53
Animal care and service workers	145	176	.1	.1	31	21.2	61
Animal trainers	15	17	.0	.0	3	18.4	5
Nonfarm animal caretakers	131	159	.1	.1	28	21.6	56
Child care workers	1,193	1,319	.8	.8	127	10.6	531
Entertainment attendants and related workers	344	421	.2	.3	77	22.5	247
Motion picture projectionists	11	8	.0	.0	-3	-27.0	3
Ushers, lobby attendants, and ticket takers	112	124	.1	.1	12	11.0	102
Miscellaneous entertainment attendants and related workers	221	289	.2	.2	68	30.9	142
Amusement and recreation attendants	197	260	.1	.2	64	32.4	130
Costume, locker room and other attendants	24	28	.0	.0	5	19.1	13
Funeral service workers	33	38	.0	.0	5	13.8	12
Embalmers	7	7	.0	.0	0	-.6	2
Funeral attendants	26	31	.0	.0	5	17.8	11
Gaming occupations	167	211	.1	.1	44	26.5	98
First-line supervisors/managers, gaming workers	46	55	.0	.0	9	20.0	22
Gaming supervisors	31	37	.0	.0	6	18.4	15
Slot key persons	14	18	.0	.0	3	23.3	7
Gaming services workers	100	131	.1	.1	31	31.1	65
Gaming and sports book writers and runners	12	15	.0	.0	3	21.6	7
Gaming dealers	88	116	.1	.1	28	32.4	59
All other gaming service workers	21	25	.0	.0	4	18.7	11
Personal appearance workers	790	880	.5	.5	90	11.4	294
Barbers	73	64	.0	.0	-8	-11.5	21
Hairdressers, hairstylists, and cosmetologists	636	718	.4	.4	82	13.0	238
Miscellaneous personal appearance workers	81	97	.1	.1	16	19.8	36
Manicurists and pedicurists	40	51	.0	.0	11	26.5	21

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Shampooers	20	22	0.0	0.0	3	13.2	7
Skin care specialists	21	24	.0	.0	3	13.3	8
Personal and home care aides	414	672	.3	.4	258	62.5	322
Recreation and fitness workers	427	545	.3	.3	118	27.6	206
Fitness trainers and aerobics instructors	158	222	.1	.1	64	40.3	97
Recreation workers	269	323	.2	.2	54	20.1	110
Residential advisors	44	55	.0	.0	11	24.0	21
Transportation, tourism, and lodging attendants	259	300	.2	.2	41	15.7	128
Baggage porters, bellhops, and concierges	68	78	.0	.0	9	13.4	33
Baggage porters and bellhops	51	57	.0	.0	6	12.6	24
Concierges	18	20	.0	.0	3	15.7	9
Tour and travel guides	44	48	.0	.0	4	9.5	18
Transportation attendants	147	174	.1	.1	27	18.6	78
Flight attendants	124	147	.1	.1	23	18.4	65
Transportation attendants, except flight attendants and baggage porters	23	27	.0	.0	5	20.0	12
All other personal care and service workers	163	198	.1	.1	35	21.7	72
Sales and related occupations	15,513	17,365	10.7	10.4	1,852	11.9	6,712
Advertising sales agents	155	196	.1	.1	41	26.3	72
Cashiers	3,363	3,851	2.3	2.3	488	14.5	2,013
Cashiers, except gaming	3,325	3,799	2.3	2.3	474	14.2	1,982
Gaming change persons and booth cashiers	38	52	.0	.0	14	36.1	31
Counter and rental clerks	423	506	.3	.3	82	19.4	274
Door-to-door sales workers, news and street vendors, and related workers	166	156	.1	.1	-10	-6.2	42
Insurance sales agents	378	390	.3	.2	13	3.3	109
Models, demonstrators, and product promoters	121	152	.1	.1	30	24.9	70
Demonstrators and product promoters	118	147	.1	.1	29	24.9	68
Models	4	5	.0	.0	1	26.0	2
Parts salespersons	260	248	.2	.1	-12	-4.4	77
Real estate brokers and sales agents	432	473	.3	.3	41	9.5	116
Real estate brokers	93	102	.1	.1	9	9.6	25
Real estate sales agents	339	371	.2	.2	32	9.5	91
Retail salespersons	4,109	4,619	2.8	2.8	510	12.4	2,073
Sales engineers	85	100	.1	.1	15	17.7	37
Sales representatives, wholesale and manufacturing	1,821	1,932	1.3	1.2	111	6.1	606
Sales representatives, wholesale and manufacturing, technical and scientific products	396	426	.3	.3	30	7.5	137
Sales representatives, wholesale and manufacturing, except technical and scientific products	1,425	1,507	1.0	.9	82	5.7	469
Securities, commodities, and financial services sales agents	367	449	.3	.3	82	22.3	112
Supervisors, sales workers	2,504	2,697	1.7	1.6	193	7.7	556
First-line supervisors/managers of retail sales workers	2,072	2,240	1.4	1.3	168	8.1	467
First-line supervisors/managers of non-retail sales workers	432	457	.3	.3	25	5.8	89
Telemarketers	572	699	.4	.4	127	22.2	244
Travel agents	135	139	.1	.1	4	3.2	37
All other sales and related workers	621	758	.4	.5	137	22.0	273
Office and administrative support occupations	23,882	26,053	16.4	15.5	2,171	9.1	7,667
First-line supervisors/managers of office and administrative support workers	1,392	1,522	1.0	.9	130	9.4	399
Communications equipment operators	339	273	.2	.2	-65	-19.3	101
Switchboard operators, including answering service	259	218	.2	.1	-41	-15.7	77
Telephone operators	54	35	.0	.0	-19	-35.3	16
All other communications equipment operators	26	20	.0	.0	-6	-21.8	9
Financial, information, and record clerks	9,006	10,178	6.2	6.1	1,172	13.0	3,237
Financial clerks	3,696	3,821	2.5	2.3	126	3.4	1,121
Bill and account collectors	400	502	.3	.3	101	25.3	201
Billing and posting clerks and machine operators	506	549	.3	.3	43	8.5	167
Bookkeeping, accounting, and auditing clerks	1,991	2,030	1.4	1.2	39	2.0	417
Gaming cage workers	22	27	.0	.0	6	25.2	15
Payroll and timekeeping clerks	201	206	.1	.1	5	2.3	63
Procurement clerks	76	67	.1	.0	-9	-12.2	17
Tellers	499	440	.3	.3	-59	-11.8	240
Information and record clerks	5,099	6,105	3.5	3.6	1,006	19.7	2,047

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Brokerage clerks	70	69	0.0	0.0	-1	-1.4	9
Correspondence clerks	38	42	.0	.0	3	9.1	15
Court, municipal, and license clerks	105	117	.1	.1	13	12.0	29
Credit authorizers, checkers, and clerks	86	90	.1	.1	4	4.1	11
Customer service representatives	1,946	2,577	1.3	1.5	631	32.4	796
Eligibility interviewers, government programs	117	106	.1	.1	-11	-9.3	34
File clerks	288	314	.2	.2	26	9.1	118
Hotel, motel, and resort desk clerks	177	236	.1	.1	59	33.4	136
Human resources assistants, except payroll and timekeeping	177	211	.1	.1	34	19.3	74
Interviewers, except eligibility and loan	154	205	.1	.1	51	33.4	84
Library assistants, clerical	98	118	.1	.1	19	19.7	63
Loan interviewers and clerks	139	101	.1	.1	-38	-27.6	9
New accounts clerks	87	89	.1	.1	2	2.7	21
Order clerks	348	277	.2	.2	-71	-20.4	74
Receptionists and information clerks	1,078	1,334	.7	.8	256	23.7	493
Reservation and transportation ticket agents and travel clerks ...	191	219	.1	.1	28	14.5	79
All other financial, information, and record clerks	211	252	.1	.2	41	19.3	69
Material recording, scheduling, dispatching, and distributing occupations	4,238	4,579	2.9	2.7	341	8.1	1,530
Cargo and freight agents	60	65	.0	.0	5	8.3	17
Couriers and Messengers	141	135	.1	.1	-5	-3.9	38
Dispatchers	254	304	.2	.2	50	19.6	92
Dispatchers, except police, fire, and ambulance	168	206	.1	.1	37	22.2	65
Police, fire, and ambulance dispatchers	86	98	.1	.1	12	14.5	27
Meter readers, utilities	49	36	.0	.0	-13	-26.0	12
Postal service workers	688	683	.5	.4	-5	-.7	187
Postal service clerks	74	76	.1	.0	2	2.4	18
Postal service mail carriers	324	332	.2	.2	8	2.4	106
Postal service mail sorters, processors, and processing machine operators	289	275	.2	.2	-14	-4.9	63
Production, planning, and expediting clerks	332	391	.2	.2	60	17.9	115
Shipping, receiving, and traffic clerks	890	973	.6	.6	83	9.3	262
Stock clerks and order fillers	1,679	1,821	1.2	1.1	142	8.5	740
Weighers, measurers, checkers, and samplers, recordkeeping	83	98	.1	.1	15	17.9	35
All other material recording, scheduling, dispatching, and distributing workers	63	73	.0	.0	10	15.5	32
Secretaries, administrative assistants, and other office support occupations	8,908	9,500	6.1	5.7	592	6.6	2,400
Computer operators	194	161	.1	.1	-33	-17.1	35
Data entry and information processing workers	806	774	.6	.5	-32	-3.9	165
Data entry keyers	509	534	.3	.3	25	4.9	106
Word processors and typists	297	240	.2	.1	-57	-19.1	60
Desktop publishers	38	63	.0	.0	25	66.7	32
Insurance claims and policy processing clerks	289	231	.2	.1	-58	-20.2	50
Mail clerks and mail machine operators, except postal service	188	207	.1	.1	19	9.9	74
Office clerks, general	2,705	3,135	1.9	1.9	430	15.9	949
Office machine operators, except computer	84	68	.1	.0	-16	-18.8	29
Proofreaders and copy markers	35	33	.0	.0	-2	-5.5	13
Secretaries and administrative assistants	3,902	4,167	2.7	2.5	265	6.8	946
Executive secretaries and administrative assistants	1,445	1,612	1.0	1.0	167	11.5	412
Legal secretaries	279	336	.2	.2	57	20.3	104
Medical secretaries	314	373	.2	.2	60	19.0	113
Secretaries, except legal, medical, and executive	1,864	1,846	1.3	1.1	-18	-1.0	317
Statistical assistants	21	22	.0	.0	0	2.1	2
All other secretaries, administrative assistants, and other office support workers	645	639	.4	.4	-6	-.9	104
Farming, fishing, and forestry occupations	1,429	1,480	1.0	.9	51	3.6	485
First-line supervisors/managers/contractors of farming, fishing, and forestry workers	100	113	.1	.1	13	13.0	21
Agricultural workers	987	1,024	.7	.6	37	3.7	359
Agricultural inspectors	15	16	.0	.0	1	6.6	5
Farmworkers	909	939	.6	.6	30	3.3	334
Graders and sorters, agricultural products	63	69	.0	.0	6	9.1	20
Fishers and fishing vessel operators	53	46	.0	.0	-6	-12.2	17
Forest, conservation, and logging workers	90	88	.1	.1	-2	-1.8	19
Forest and conservation workers	21	22	.0	.0	1	3.9	6

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Logging workers	69	66	0.0	0.0	-2	-3.5	13
Fallers	13	12	.0	.0	-1	-8.7	3
Logging equipment operators	47	46	.0	.0	-1	-2.0	9
Log graders and scalers	8	8	.0	.0	0	-4.0	2
All other farming, fishing, and forestry workers	199	209	.1	.1	10	4.9	70
Construction and extraction occupations	7,451	8,439	5.1	5.0	989	13.3	2,469
First-line supervisors/managers of construction trades and extraction workers	792	923	.5	.6	131	16.5	311
Construction trades and related workers	6,466	7,328	4.4	4.4	862	13.3	2,086
Boilermakers	27	28	.0	.0	1	2.1	8
Brickmasons, blockmasons, and stonemasons	158	179	.1	.1	21	13.2	50
Brickmasons and blockmasons	144	162	.1	.1	18	12.5	45
Stonemasons	14	17	.0	.0	3	20.8	5
Carpenters	1,204	1,302	.8	.8	98	8.2	302
Carpet, floor, and tile installers and finishers	167	189	.1	.1	22	13.2	50
Carpet installers	76	84	.1	.1	8	10.5	21
Floor layers, except carpet, wood, and hard tiles	23	27	.0	.0	4	15.8	8
Floor sanders and finishers	14	16	.0	.0	2	14.7	4
Tile and marble setters	54	62	.0	.0	8	15.6	17
Cement masons, concrete finishers, and terrazzo workers	166	171	.1	.1	5	3.0	19
Cement masons and concrete finishers	162	167	.1	.1	5	3.0	19
Terrazzo workers and finishers	3	4	.0	.0	0	2.0	0
Construction laborers	791	926	.5	.6	135	17.0	207
Construction equipment operators	416	450	.3	.3	34	8.1	123
Operating engineers and other construction equipment operators	357	382	.2	.2	25	6.9	103
Paving, surfacing, and tamping equipment operators	55	63	.0	.0	8	15.5	19
Pile-driver operators	4	5	.0	.0	1	14.0	1
Drywall installers, ceiling tile installers, and tapers	188	205	.1	.1	17	9.1	35
Drywall and ceiling tile installers	143	157	.1	.1	13	9.4	27
Tapers	44	48	.0	.0	4	8.3	8
Electricians	698	819	.5	.5	120	17.3	251
Glaziers	49	56	.0	.0	7	14.8	16
Insulation workers	53	60	.0	.0	7	13.6	23
Painters, construction and maintenance	491	585	.3	.3	94	19.1	180
Paperhangers	27	32	.0	.0	5	20.2	10
Pipelayers, plumbers, pipefitters, and steamfitters	568	627	.4	.4	59	10.4	153
Pipelayers	65	73	.0	.0	8	11.9	19
Plumbers, pipefitters, and steamfitters	503	554	.3	.3	51	10.2	134
Plasterers and stucco masons	54	61	.0	.0	6	11.9	16
Reinforcing iron and rebar workers	27	32	.0	.0	5	17.5	8
Roofers	158	188	.1	.1	31	19.4	67
Sheet metal workers	224	275	.2	.2	51	23.0	98
Structural iron and steel workers	84	99	.1	.1	15	18.4	24
Helpers, construction trades	450	510	.3	.3	60	13.3	283
Helpers-Brickmasons, blockmasons, stonemasons, and tile and marble setters	58	66	.0	.0	8	14.1	37
Helpers-Carpenters	101	108	.1	.1	7	6.6	57
Helpers-Electricians	114	129	.1	.1	15	13.3	72
Helpers-Painters, paperhangers, plasterers, and stucco masons	27	30	.0	.0	3	12.9	17
Helpers-Pipelayers, plumbers, pipefitters, and steamfitters	86	96	.1	.1	10	11.5	53
Helpers-Roofers	23	28	.0	.0	5	19.3	16
All other helpers, construction trades	41	53	.0	.0	12	29.1	32
Other construction and related workers	465	534	.3	.3	69	14.8	162
Construction and building inspectors	75	86	.1	.1	11	15.0	28
Elevator installers and repairers	23	27	.0	.0	4	17.2	11
Fence erectors	29	30	.0	.0	1	4.6	6
Hazardous materials removal workers	37	49	.0	.0	12	32.8	23
Highway maintenance workers	151	159	.1	.1	8	5.2	31
Rail-track laying and maintenance equipment operators	12	9	.0	.0	-3	-26.1	3
Septic tank servicers and sewer pipe cleaners	15	18	.0	.0	3	16.5	6
All other construction and related workers	123	156	.1	.1	33	26.7	54
Extraction workers	193	189	.1	.1	-4	-2.1	72
Derrick, rotary drill, and service unit operators, oil, gas, and mining	45	44	.0	.0	-2	-3.5	16
Derrick operators, oil and gas	16	16	.0	.0	0	.1	6

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Rotary drill operators, oil and gas	18	17	0.0	0.0	-1	-8.0	6
Service unit operators, oil, gas, and mining	11	11	.0	.0	0	-1.2	4
Earth drillers, except oil and gas	24	27	.0	.0	3	12.6	8
Explosives workers, ordnance handling experts, and blasters	5	5	.0	.0	0	1.9	2
Helpers-Extraction workers	37	38	.0	.0	1	2.4	18
Mining machine operators	22	19	.0	.0	-3	-12.9	8
Continuous mining machine operators	10	8	.0	.0	-1	-13.4	3
Miscellaneous mining machine operators	12	11	.0	.0	-2	-12.5	4
Roustabouts, oil and gas	41	40	.0	.0	-2	-4.2	14
All other extraction workers	19	17	.0	.0	-2	-10.7	7
Installation, maintenance, and repair occupations	5,820	6,482	4.0	3.9	662	11.4	1,944
First-line supervisors/managers of mechanics, installers, and repairers	442	513	.3	.3	71	16.0	186
Electrical and electronic equipment mechanics, installers, and repairers	683	726	.5	.4	43	6.3	178
Avionics technicians	16	17	.0	.0	2	9.8	5
Computer, automated teller, and office machine repairers	172	197	.1	.1	24	14.2	43
Electric motor, power tool, and related repairers	37	40	.0	.0	3	7.9	11
Electrical and electronics installers and repairers, transportation equipment	14	15	.0	.0	2	13.6	4
Electrical and electronics repairers, industrial and utility	108	116	.1	.1	8	7.3	30
Electrical and electronics repairers, commercial and industrial equipment	90	98	.1	.1	8	9.2	26
Electrical and electronics repairers, powerhouse, substation, and relay	18	18	.0	.0	0	-2.3	4
Electronic equipment installers and repairers, motor vehicles	13	15	.0	.0	2	15.6	5
Electronic home entertainment equipment installers and repairers	37	30	.0	.0	-7	-17.9	7
Radio and telecommunications equipment installers and repairers	196	188	.1	.1	-7	-3.8	37
Radio mechanics	7	5	.0	.0	-2	-24.2	1
Telecommunications equipment installers and repairers, except line installers	189	183	.1	.1	-6	-3.1	36
Security and fire alarm systems installers	44	54	.0	.0	10	23.4	18
All other electrical and electronic equipment mechanics, installers, and repairers	48	54	.0	.0	6	13.4	17
Vehicle and mobile equipment mechanics, installers, and repairers	1,931	2,218	1.3	1.3	286	14.8	778
Aircraft mechanics and service technicians	158	184	.1	.1	26	16.7	60
Automotive body and related repairers	199	219	.1	.1	20	10.2	69
Automotive glass installers and repairers	22	24	.0	.0	2	10.5	8
Automotive service technicians and mechanics	840	991	.6	.6	151	18.0	349
Bus and truck mechanics and diesel engine specialists	285	326	.2	.2	40	14.2	114
Heavy vehicle and mobile equipment service technicians and mechanics	185	203	.1	.1	17	9.4	66
Farm equipment mechanics	41	42	.0	.0	0	.9	11
Mobile heavy equipment mechanics, except engines	130	148	.1	.1	18	14.0	52
Rail car repairers	14	13	.0	.0	-1	-7.6	4
Small engine mechanics	73	79	.0	.0	6	8.6	24
Motorboat mechanics	25	27	.0	.0	2	9.0	9
Motorcycle mechanics	14	16	.0	.0	1	8.6	5
Outdoor power equipment and other small engine mechanics	33	36	.0	.0	3	8.2	11
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	170	192	.1	.1	22	13.2	87
Bicycle repairers	9	10	.0	.0	2	17.7	5
Recreational vehicle service technicians	12	15	.0	.0	3	25.4	8
Tire repairers and changers	89	95	.1	.1	6	6.8	40
All other vehicle and mobile equipment mechanics, installers, and repairers	60	72	.0	.0	12	19.6	35
Other installation, maintenance, and repair occupations	2,764	3,026	1.9	1.8	262	9.5	802
Coin, vending, and amusement machine servicers and repairers	37	44	.0	.0	7	18.5	15
Control and valve installers and repairers	46	48	.0	.0	2	5.2	17
Control and valve installers and repairers, except mechanical door	34	35	.0	.0	1	2.7	12
Mechanical door repairers	11	13	.0	.0	1	12.7	5
Heating, air conditioning, and refrigeration mechanics and installers	243	297	.2	.2	54	22.3	79
Helpers-Installation, maintenance, and repair workers	145	172	.1	.1	27	18.5	101

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Home appliance repairers	43	46	0.0	0.0	3	6.2	11
Industrial machinery mechanics	198	205	.1	.1	7	3.4	60
Line installers and repairers	263	317	.2	.2	54	20.7	118
Electrical power-line installers and repairers	99	108	.1	.1	9	9.3	41
Telecommunications line installers and repairers	164	209	.1	.1	45	27.6	76
Locksmiths and safe repairers	23	25	.0	.0	2	8.7	10
Maintenance and repair workers, general	1,251	1,310	.9	.8	59	4.7	221
Maintenance workers, machinery	114	120	.1	.1	7	5.8	37
Manufactured building and mobile home installers	17	20	.0	.0	3	19.1	7
Millwrights	72	75	.0	.0	3	3.9	25
Precision instrument and equipment repairers	63	69	.0	.0	6	9.7	22
Camera and photographic equipment repairers	7	7	.0	.0	0	-2.1	2
Medical equipment repairers	28	33	.0	.0	4	14.9	11
Musical instrument repairers and tuners	7	8	.0	.0	1	9.4	2
Watch repairers	5	6	.0	.0	0	6.2	2
All other precision instrument and equipment repairers	15	16	.0	.0	1	6.8	5
Riggers	20	22	.0	.0	2	10.1	6
All other installation, maintenance, and repair workers	228	254	.2	.2	26	11.5	73
Production occupations	13,060	13,811	9.0	8.2	750	5.7	3,932
First-line supervisors/managers of production and operating workers	819	827	.6	.5	9	1.0	224
Assemblers and fabricators	2,653	2,824	1.8	1.7	171	6.5	702
Aircraft structure, surfaces, rigging, and systems assemblers	20	23	.0	.0	3	14.2	8
Electrical, electronics, and electromechanical assemblers	508	492	.3	.3	-16	-3.1	138
Coil winders, tapers, and finishers	56	61	.0	.0	5	8.2	19
Electrical and electronic equipment assemblers	379	355	.3	.2	-24	-6.3	97
Electromechanical equipment assemblers	73	76	.1	.0	3	4.5	22
Engine and other machine assemblers	67	72	.0	.0	5	7.1	18
Structural metal fabricators and fitters	101	120	.1	.1	20	19.5	35
Miscellaneous assemblers and fabricators	1,957	2,117	1.3	1.3	160	8.2	503
Fiberglass laminators and fabricators	48	53	.0	.0	5	11.4	14
Team assemblers	1,458	1,545	1.0	.9	87	5.9	342
Timing device assemblers, adjusters, and calibrators	12	12	.0	.0	0	2.5	2
All other assemblers and fabricators	439	507	.3	.3	68	15.4	144
Food processing occupations	760	783	.5	.5	23	3.0	214
Bakers	160	187	.1	.1	27	16.8	52
Butchers and other meat, poultry, and fish processing workers	411	415	.3	.2	5	1.2	117
Butchers and meat cutters	141	128	.1	.1	-13	-8.9	34
Meat, poultry, and fish cutters and trimmers	148	162	.1	.1	14	9.5	50
Slaughterers and meat packers	122	125	.1	.1	3	2.6	33
Food and tobacco roasting, baking, and drying machine operators and tenders	18	17	.0	.0	-2	-9.0	4
Food batchmakers	66	67	.0	.0	1	1.4	17
Food cooking machine operators and tenders	37	37	.0	.0	0	.6	7
All other food processing workers	69	61	.0	.0	-8	-11.6	17
Metal workers and plastic workers	2,907	3,156	2.0	1.9	249	8.6	994
Computer control programmers and operators	186	222	.1	.1	36	19.3	102
Computer-controlled machine tool operators, metal and plastic ..	162	194	.1	.1	32	19.7	89
Numerical tool and process control programmers	24	28	.0	.0	4	16.6	12
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	372	357	.3	.2	-15	-4.0	73
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	71	68	.0	.0	-3	-4.5	23
Extruding and drawing machine setters, operators, and tenders, metal and plastic	126	143	.1	.1	17	13.5	45
Forging machine setters, operators, and tenders, metal and plastic	54	59	.0	.0	5	9.1	22
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	145	156	.1	.1	11	7.3	46
Heat treating equipment setters, operators, and tenders, metal and plastic	43	49	.0	.0	6	13.4	14
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	84	78	.1	.0	-6	-7.4	33
Lay-out workers, metal and plastic	18	17	.0	.0	-1	-6.0	5
Machinists	430	469	.3	.3	39	9.1	127
Metal furnace and kiln operators and tenders	40	43	.0	.0	3	7.2	14

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Metal-refining furnace operators and tenders	24	26	0.0	0.0	2	7.4	8
Pourers and casters, metal	16	18	.0	.0	1	6.9	6
Milling and planing machine setters, operators, and tenders, metal and plastic	34	32	.0	.0	-2	-6.7	11
Model makers and patternmakers, metal and plastic	19	18	.0	.0	-1	-5.6	5
Model makers, metal and plastic	11	10	.0	.0	0	-3.2	3
Patternmakers, metal and plastic	9	8	.0	.0	-1	-8.4	2
Molders and molding machine setters, operators, and tenders, metal and plastic	235	252	.2	.2	17	7.0	65
Foundry mold and coremakers	59	59	.0	.0	-1	-1.2	12
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	176	193	.1	.1	17	9.8	53
Multiple machine tool setters, operators, and tenders, metal and plastic	105	121	.1	.1	15	14.7	32
Plating and coating machine setters, operators, and tenders, metal and plastic	65	72	.0	.0	7	10.2	20
Rolling machine setters, operators, and tenders, metal and plastic	49	50	.0	.0	1	1.4	17
Tool and die makers	130	132	.1	.1	3	2.2	35
Tool grinders, filers, and sharpeners	29	27	.0	.0	-2	-7.7	8
Welding, soldering, and brazing workers	521	618	.4	.4	97	18.7	244
Welders, cutters, solderers, and brazers	446	532	.3	.3	86	19.3	211
Welding, soldering, and brazing machine setters, operators, and tenders	74	86	.1	.1	11	15.1	32
All other metal workers and plastic workers	150	174	.1	.1	25	16.4	54
Plant and system operators	368	384	.3	.2	16	4.4	133
Power plant operators, distributors, and dispatchers	55	55	.0	.0	0	-.4	17
Nuclear power reactor operators	4	4	.0	.0	0	-3.4	1
Power distributors and dispatchers	15	14	.0	.0	-1	-5.1	4
Power plant operators	36	37	.0	.0	1	1.8	11
Stationary engineers and boiler operators	57	56	.0	.0	-1	-1.3	16
Water and liquid waste treatment plant and system operators	88	104	.1	.1	16	18.1	44
Miscellaneous plant and system operators	167	168	.1	.1	1	.6	56
Chemical plant and system operators	71	69	.0	.0	-2	-3.3	22
Gas plant operators	12	11	.0	.0	-1	-6.3	4
Petroleum pump system operators, refinery operators, and gaugers	35	34	.0	.0	-1	-4.1	11
All other plant and system operators	49	54	.0	.0	6	11.4	20
Printing occupations	534	543	.4	.3	8	1.6	160
Bookbinders and bindery workers	115	124	.1	.1	9	7.4	39
Bindery workers	105	113	.1	.1	8	7.3	36
Bookbinders	10	10	.0	.0	1	8.2	3
Job printers	56	59	.0	.0	4	6.4	18
Prepress technicians and workers	107	90	.1	.1	-17	-15.6	26
Printing machine operators	222	234	.2	.1	12	5.5	68
All other printing workers	34	35	.0	.0	1	2.0	9
Textile, apparel, and furnishings occupations	1,317	1,285	.9	.8	-32	-2.4	301
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	41	44	.0	.0	2	5.7	13
Fabric and apparel patternmakers	15	14	.0	.0	-1	-5.4	5
Laundry and dry-cleaning workers	236	263	.2	.2	27	11.4	89
Pressers, textile, garment, and related materials	110	112	.1	.1	2	1.7	17
Sewing machine operators	399	348	.3	.2	-51	-12.9	42
Shoe and leather workers and repairers	19	15	.0	.0	-4	-21.4	7
Shoe machine operators and tenders	9	4	.0	.0	-5	-53.6	1
Tailors, dressmakers, and sewers	101	91	.1	.1	-9	-9.3	22
Sewers, hand	43	40	.0	.0	-3	-6.6	9
Tailors, dressmakers, and custom sewers	58	51	.0	.0	-7	-11.4	13
Textile bleaching and dyeing machine operators and tenders	37	41	.0	.0	4	10.8	11
Textile cutting machine setters, operators, and tenders	38	35	.0	.0	-2	-6.5	6
Textile knitting and weaving machine setters, operators, and tenders	70	68	.0	.0	-2	-2.4	11
Textile winding, twisting, and drawing out machine setters, operators, and tenders	90	86	.1	.1	-4	-4.4	19
Upholsterers	58	53	.0	.0	-6	-9.5	19
All other textile, apparel, and furnishings workers	95	112	.1	.1	17	18.0	36
Woodworkers	409	446	.3	.3	37	9.0	187
Cabinetmakers and bench carpenters	159	175	.1	.1	16	9.8	66

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Furniture finishers	45	49	0.0	0.0	4	8.4	22
Model makers and patternmakers, wood	10	12	.0	.0	2	16.0	6
Sawing machine setters, operators, and tenders, wood	57	64	.0	.0	7	11.7	29
Woodworking machine setters, operators, and tenders, except sawing	103	108	.1	.1	5	5.3	47
All other woodworkers	35	38	.0	.0	4	10.6	18
Other production occupations	3,293	3,563	2.3	2.1	269	8.2	1,017
Cementing and gluing machine operators and tenders	36	38	.0	.0	2	6.7	11
Chemical processing machine setters, operators, and tenders	100	110	.1	.1	10	9.9	33
Chemical equipment operators and tenders	61	70	.0	.0	9	14.9	23
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	39	40	.0	.0	1	2.2	10
Cleaning, washing, and metal pickling equipment operators and tenders	20	17	.0	.0	-3	-14.2	5
Cooling and freezing equipment operators and tenders	7	7	.0	.0	0	-1.3	1
Crushing, grinding, polishing, mixing, and blending workers	202	222	.1	.1	21	10.3	65
Crushing, grinding, and polishing machine setters, operators, and tenders	44	49	.0	.0	4	9.8	14
Grinding and polishing workers, hand	49	55	.0	.0	7	13.7	17
Mixing and blending machine setters, operators, and tenders	109	118	.1	.1	10	9.0	33
Cutting workers	115	117	.1	.1	2	1.8	23
Cutters and trimmers, hand	32	33	.0	.0	1	2.2	6
Cutting and slicing machine setters, operators, and tenders	83	84	.1	.1	1	1.7	16
Etchers and engravers	15	16	.0	.0	2	11.1	5
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	73	80	.1	.0	7	9.0	24
Furnace, kiln, oven, drier, and kettle operators and tenders	33	34	.0	.0	1	3.2	10
Helpers-Production workers	525	587	.4	.3	62	11.9	194
Inspectors, testers, sorters, samplers, and weighers	602	591	.4	.4	-11	-1.9	133
Jewelers and precious stone and metal workers	43	44	.0	.0	1	1.3	12
Medical, dental, and ophthalmic laboratory workers	88	95	.1	.1	7	7.9	31
Dental laboratory technicians	43	46	.0	.0	3	6.3	14
Medical appliance technicians	13	15	.0	.0	2	19.0	6
Ophthalmic laboratory technicians	32	34	.0	.0	2	5.7	11
Molders, shapers, and casters, except metal and plastic	42	45	.0	.0	3	7.4	14
Packaging and filling machine operators and tenders	379	433	.3	.3	54	14.4	138
Painting workers	195	223	.1	.1	28	14.5	72
Coating, painting, and spraying machine setters, operators, and tenders	108	121	.1	.1	13	11.9	37
Painters, transportation equipment	49	57	.0	.0	9	17.5	19
Painting, coating, and decorating workers	38	45	.0	.0	7	17.9	15
Paper goods machine setters, operators, and tenders	123	116	.1	.1	-7	-5.4	24
Photographic process workers and processing machine operators	76	77	.1	.0	2	2.2	23
Photographic process workers	26	24	.0	.0	-2	-8.2	7
Photographic processing machine operators	50	53	.0	.0	4	7.6	17
Semiconductor processors	52	69	.0	.0	17	32.4	26
Tire builders	18	20	.0	.0	2	8.6	5
All other production workers	549	619	.4	.4	70	12.7	168
Transportation and material moving occupations	10,088	11,618	6.9	6.9	1,530	15.2	3,949
Supervisors, transportation and material moving workers	357	427	.2	.3	70	19.7	147
Aircraft cargo handling supervisors	10	13	.0	.0	3	27.7	5
First-line supervisors/managers of helpers, laborers, and material movers, hand	153	182	.1	.1	29	18.9	62
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	194	233	.1	.1	39	19.9	80
Air transportation occupations	166	186	.1	.1	20	12.2	68
Aircraft pilots and flight engineers	117	129	.1	.1	11	9.8	38
Airline pilots, copilots, and flight engineers	98	104	.1	.1	6	6.4	29
Commercial pilots	19	24	.0	.0	5	26.9	10
Air traffic controllers and airfield operations specialists	31	35	.0	.0	3	10.2	17
Air traffic controllers	27	29	.0	.0	2	7.2	13
Airfield operations specialists	5	6	.0	.0	1	27.1	3
All other air transportation workers	17	22	.0	.0	5	32.2	13
Motor vehicle operators	4,237	4,982	2.9	3.0	745	17.6	1,398

Table 2. Continued—Employment by occupation, 2000 and projected 2010

[Numbers in thousands of jobs]

Occupation	Employment				Change		Total job openings due to growth and net replacements, 2000-10 ¹
	Number		Percent distribution		Number	Percent	
	2000	2010	2000	2010			
Ambulance drivers and attendants, except emergency medical technicians	15	20	0.0	0.0	5	33.7	6
Bus drivers	666	754	.5	.4	88	13.2	257
Bus drivers, school	481	537	.3	.3	56	11.6	178
Bus drivers, transit and intercity	185	217	.1	.1	32	17.4	79
Driver/sales workers and truck drivers	3,268	3,857	2.2	2.3	589	18.0	1,038
Driver/sales workers	402	430	.3	.3	29	7.1	84
Truck drivers, heavy and tractor-trailer	1,749	2,095	1.2	1.2	346	19.8	586
Truck drivers, light or delivery services	1,117	1,331	.8	.8	215	19.2	368
Taxi drivers and chauffeurs	176	219	.1	.1	43	24.4	57
All other motor vehicle operators	112	132	.1	.1	20	18.2	39
Rail transportation occupations	115	94	.1	.1	-21	-18.5	52
Locomotive engineers and firers	37	38	.0	.0	1	2.3	18
Railroad brake, signal, and switch operators	22	9	.0	.0	-13	-60.8	10
Railroad conductors and yardmasters	45	36	.0	.0	-8	-18.9	20
Rail yard engineers, dinkey operators, and hostlers	4	4	.0	.0	0	-4.5	2
All other rail transportation workers	7	7	.0	.0	0	-4.1	3
Water transportation occupations	70	74	.0	.0	3	4.4	27
Sailors and marine oilers	32	33	.0	.0	2	4.9	12
Ship and boat captains and operators	25	26	.0	.0	1	3.4	9
Ship engineers	9	9	.0	.0	0	5.8	3
All other water transportation workers	5	5	.0	.0	0	4.2	2
Related transportation occupations	309	341	.2	.2	32	10.4	139
Bridge and lock tenders	4	4	.0	.0	-1	-19.1	2
Parking lot attendants	117	140	.1	.1	23	19.8	43
Service station attendants	112	110	.1	.1	-2	-1.7	57
Traffic technicians	4	5	.0	.0	1	14.1	2
Transportation inspectors	25	28	.0	.0	3	11.3	9
All other related transportation workers	46	54	.0	.0	8	17.9	26
Material moving occupations	4,833	5,514	3.3	3.3	681	14.1	2,118
Cleaners of vehicles and equipment	322	382	.2	.2	60	18.8	183
Conveyor operators and tenders	63	71	.0	.0	8	13.3	26
Crane and tower operators	55	59	.0	.0	5	8.6	21
Excavating and loading machine and dragline operators	76	88	.1	.1	11	14.8	34
Hoist and winch operators	9	10	.0	.0	1	8.3	3
Industrial truck and tractor operators	635	707	.4	.4	72	11.3	160
Laborers and freight, stock, and material movers, hand	2,084	2,373	1.4	1.4	289	13.9	985
Machine feeders and offbearers	182	159	.1	.1	-22	-12.3	63
Packers and packagers, hand	1,091	1,300	.7	.8	210	19.3	488
Pumping station operators	32	32	.0	.0	0	0.0	10
Gas compressor and gas pumping station operators	7	7	.0	.0	0	4.8	2
Pump operators, except wellhead pumpers	14	15	.0	.0	1	4.8	5
Wellhead pumpers	12	11	.0	.0	-1	-8.5	3
Refuse and recyclable material collectors	124	145	.1	.1	21	16.6	75
Tank car, truck, and ship loaders	19	21	.0	.0	3	13.5	8
All other material moving workers	142	165	.1	.1	23	16.4	62

¹ Total job openings represent the sum of employment increases and net replacements. If employment change is negative, job openings due to growth are zero and total job openings equal net replacements.

NOTE: Detail may not equal total or 100 percent due to rounding.